

# State of Indiana Wireless Installation Instructions

These instructions will walk you through the wireless set up for any State of Indiana wireless user.

The wireless setup is now no longer agency specific. Wireless users will now all use the SOI profile as the primary user connection profile.

## **WINDOWS XP**

To properly set up a Windows XP laptop to use the State of Indiana wireless network, download the necessary software at:

<https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/Install/machine-wlan-package.exe>

The package will warn you to close all programs before continuing. It will run and then force the machine to reboot.

The machine needs to be added to the appropriate wireless laptop group in each domain. An example would be "Shared Wireless Laptops" or "IOT Wireless Laptops". There is a wireless laptop group in each domain with wireless users.

At this point, the machine can log into the wireless network, but the user can not. Therefore, when the user attempts to log in, the machine will drop off the wireless network.

The next step will be to import the user profile using the instructions which can be found at:

<https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Docs/Exporting%20and%20Importing%20Profiles%20into%20the%20Intel%20PROSet%20Wireless%20Supplicant.pdf>

The profile itself can be downloaded from:

<https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/Install/SOI-092309.p10>

## **WINDOWS VISTA and WINDOWS 7**

Windows Vista and Windows 7 user profiles must be created manually. The following instructions will walk you through a manual setup.

Click the Start Button, Click Control Panel, and open the Network and Sharing Center.

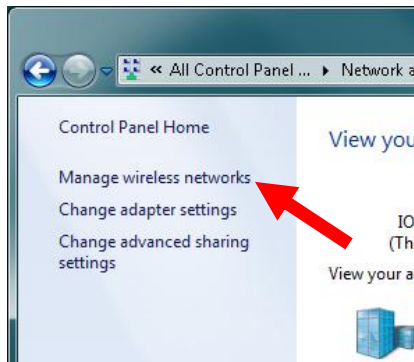
Download and Install the latest drivers for your wireless network hardware. Rebooting may be required. The latest Intel drivers may be found here:

32 bit: [https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/1300/ICS\\_s32\\_v13.exe](https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/1300/ICS_s32_v13.exe)

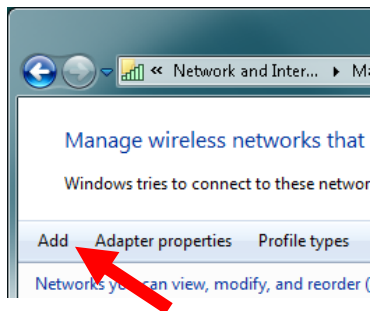
64 bit: [https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/1300/ICS\\_x64\\_v13.exe](https://myshare.in.gov/IOT/NTS/Shared%20Documents/Wireless/Intel/1300/ICS_x64_v13.exe)

Click the Start Button, Click Control Panel, and open the Network and Sharing Center.

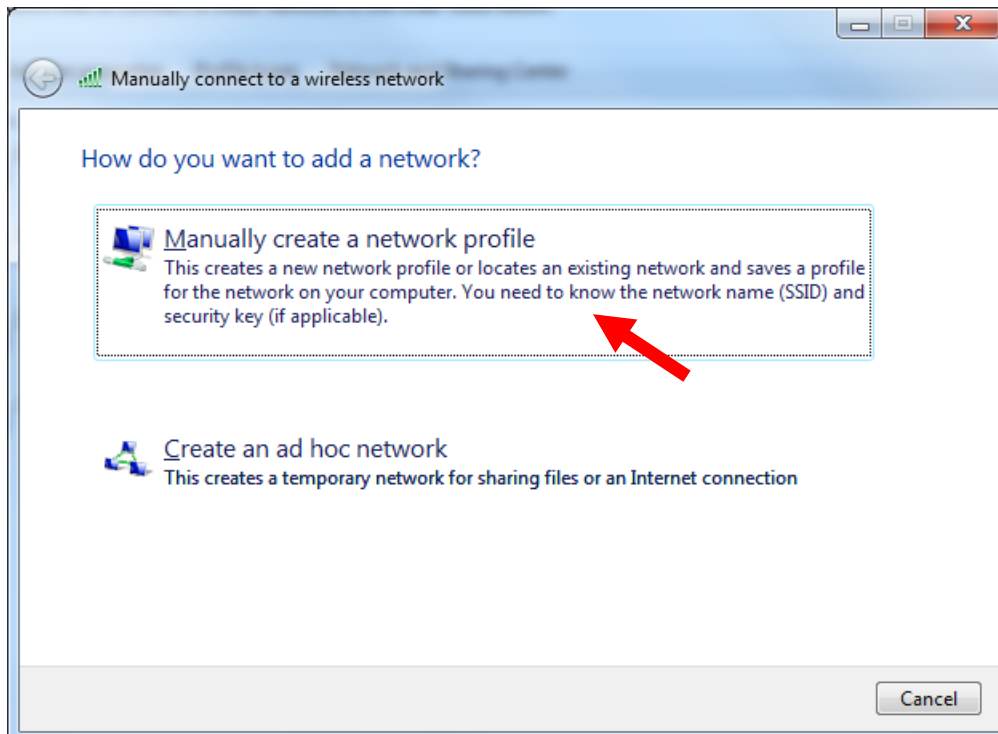
Click on Manage wireless networks in the upper left hand corner of the window.



Click the Add button on the button bar.



Click Manually Create a network profile.



Type the following into the fields in the next window:

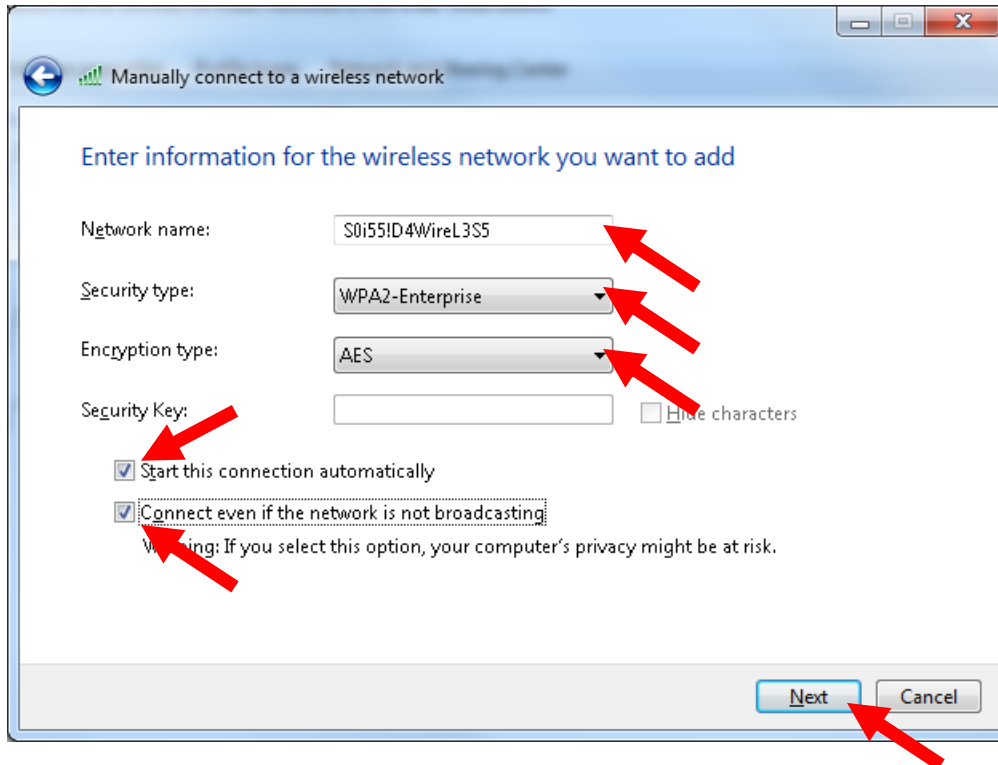
Network Name: S0i55!D4WireL3S5

Security type: WPA2-Enterprise

Encryption type: AES

Security Key: BLANK (it will be grayed out)

Make sure you place a check in the “Start this connection automatically” and in the “Connect even if the network is not broadcasting” check boxes. Click Next.

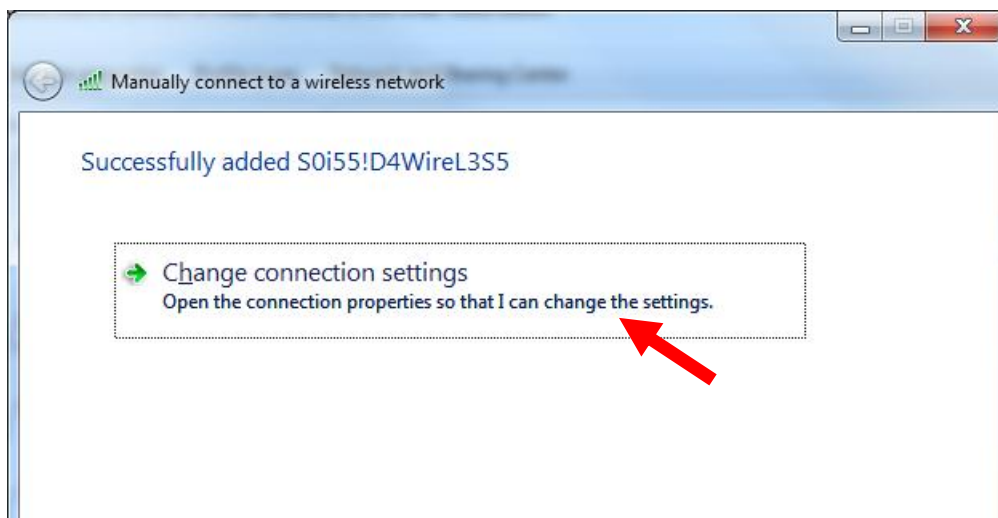


The screenshot shows a Windows XP-style window titled "Manually connect to a wireless network". The main heading is "Enter information for the wireless network you want to add". The form contains the following fields and options:

- Network name: A text box containing "S0i55!D4WireL3S5".
- Security type: A dropdown menu showing "WPA2-Enterprise".
- Encryption type: A dropdown menu showing "AES".
- Security Key: A text box that is grayed out.
- Two checkboxes: "Start this connection automatically" and "Connect even if the network is not broadcasting", both of which are checked.
- A warning message: "Warning: If you select this option, your computer's privacy might be at risk." (referring to the second checkbox).
- Buttons: "Next" and "Cancel" at the bottom right.

Red arrows are drawn on the image pointing to the Network name field, Security type dropdown, Encryption type dropdown, Security Key field, both checkboxes, and the Next button.

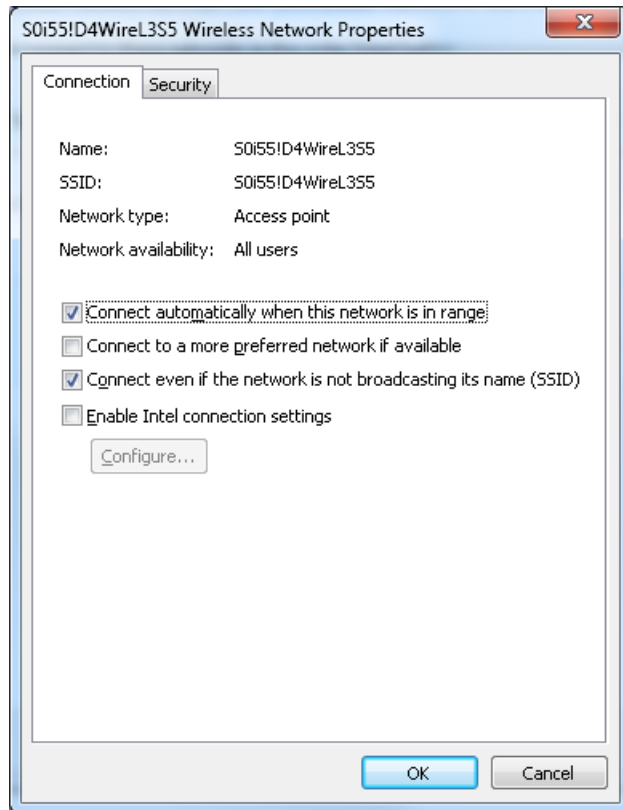
Click Change connection settings.



The screenshot shows the same window after successful configuration. The main heading is "Successfully added S0i55!D4WireL3S5". Below this, there is a button labeled "Change connection settings" with a green arrow icon. Underneath the button is the text "Open the connection properties so that I can change the settings.".

A red arrow points to the "Change connection settings" button.

Ensure the “S0i55!D4WireL3S5 Wireless Network Properties” are configured as below.



Click on the Security Tab. The settings for Security type and Encryption type should already be set as follows:

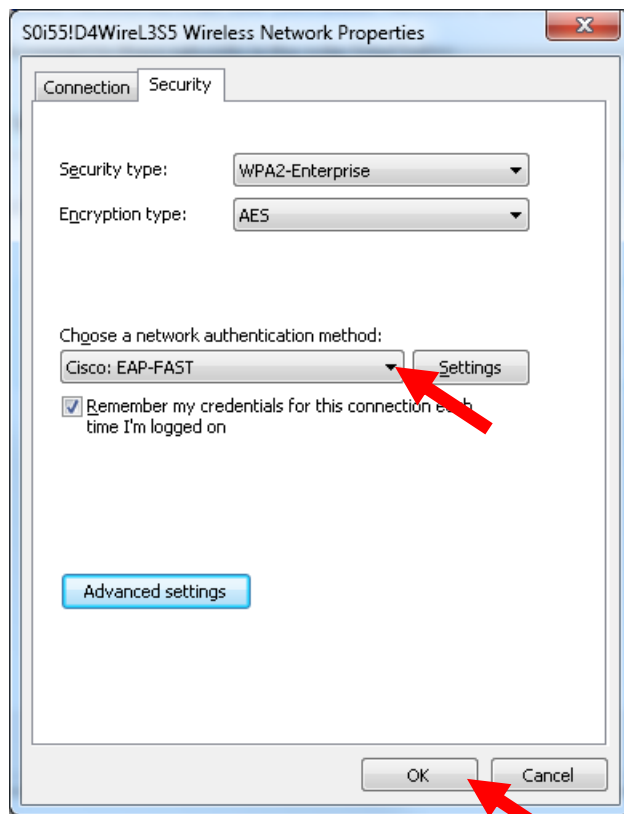
Security type: WPA2-Enterprise

Encryption type: AES

In the Choose a network authentication method dropdown, choose Cisco: EAP-FAST. Verify that there is a check box in the “Remember my login credentials for this connection each time I’m logged on” check box. Click OK.

*In the event that Cisco: EAP-FAST is not an option, refer to the instructions for configuring PEAP found later in this document.*

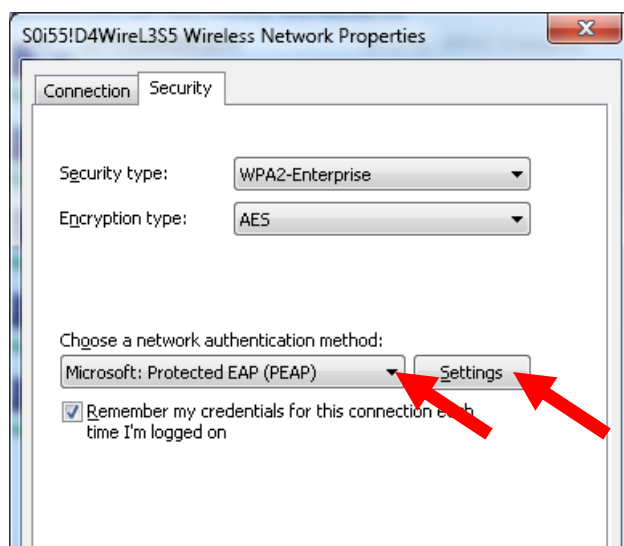
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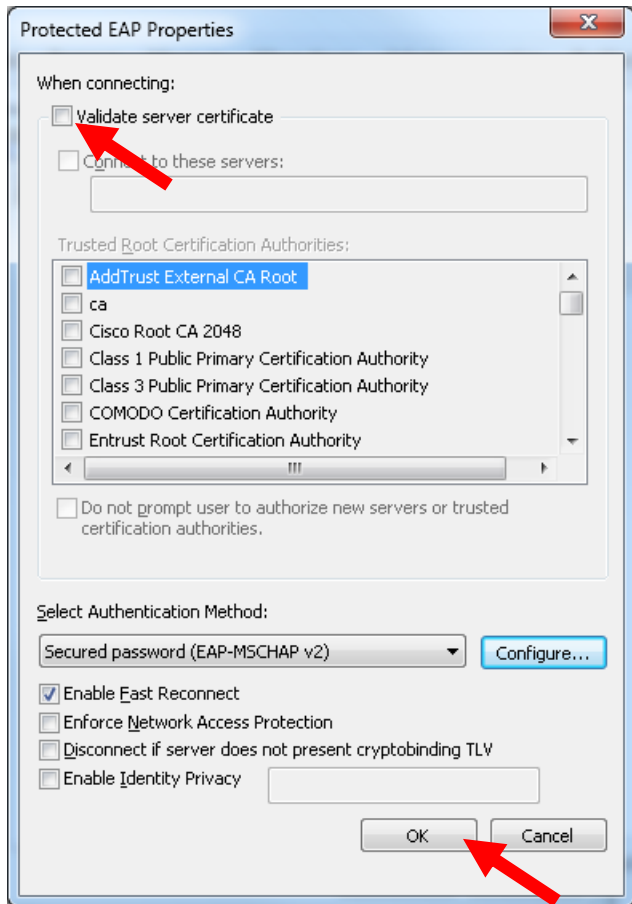
Click Close in the next window and then close the Manage Wireless Networks window.

You should now be able to click the wireless icon in your system tray and connect to the wireless network you just created.

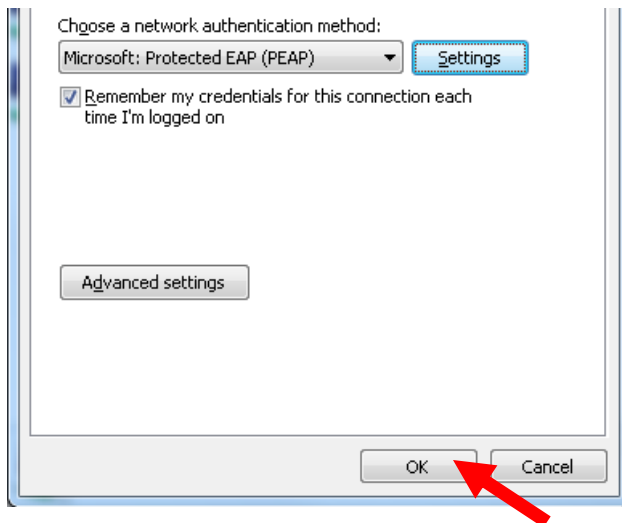
In the event that Cisco: EAP-FAST is not an option, select Microsoft: Protected EAP (PEAP) in the Choose a network authentication method dropdown and then hit the Settings button.



Uncheck “Validate server certificate” and then click OK.



Hit OK in the “S0i55!D4WireL3S5 Wireless Network Properties” window.



Close the Manage Wireless Networks window. You should now be able to click the wireless icon in your system tray and connect to the wireless network you just created.